AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method for automatically re-establishing a connection to a data source accessible by a plurality of remote applications, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module configured to interface between the interface module and the data source;

providing a connection manager to facilitate the interface between the interface module and the at least one port module;

detecting unavailability of the data source, by the at least one port module, in response to an initial request for the data source by the remote application;

dynamically detecting availability of the data source, by the at least one port module, in response to a subsequent request for the data source; and

re-connecting the data source to the remote application in response to the subsequent request,

wherein the at least one port module sends an error message to the interface module indicating the unavailability of the data source,

wherein the at least one port module receives the subsequent request after the data source was detected to be unavailable in response to the initial request for the data source, determines that the data source was previously unavailable, and reestablishes a connection with the data

source independent of re-initialization by the connection manager, and reconnects the remote

application to the data source by directly communicating with the remote application~~., and~~

~~wherein the at least one port module bypasses the connection manager in the subsequent~~

~~request.~~

2-6. (canceled).

7. (previously presented): The method of claim 1, wherein re-connecting further

comprises re-establishing a connection between the at least one port module and the data source

without re-initializing the connection manager.

8. (currently amended): A non-transitory computer readable medium having stored

thereon computer executable instructions for performing a method for connecting a plurality of

remote applications with a data source, the method comprising:

providing at least one interface module configured to interface with a remote application;

providing at least one port module to interface between the interface module and the data

source;

providing a connection manager to facilitate the interface between the interface module

and the at least one port module;

detecting unavailability of the data source, by the at least one port module, in response to

an initial request for the data source by the remote application;

dynamically detecting availability of the data source, by the at least one port module, in

response to a subsequent request for the data source; and

re-connecting the data source to the remote application in response to the subsequent

request,

wherein the at least one port module sends an error message to the interface module

indicating the unavailability of the data source,

wherein the at least one port module receives the subsequent request after the data source

was detected to be unavailable in response to the initial request for the data source, determines

that the data source was previously unavailable, reestablishes a connection with the data source

independent of re-initialization by the connection manager, and reconnects the remote

application to the data source by directly communicating with the remote application., and

wherein the at least one port module bypasses the connection manager in the subsequent

request.

9-13. (canceled).

14. (previously presented): The computer readable medium of claim 8, wherein re-

connecting further comprises re-establishing a connection between the at least one port module

and the data source without re-initializing the connection manager.

15. (currently amended): A system for connecting a plurality of remote applications

with a data source, the system comprising:

an interface module configured to interface with a remote application;

a port module, implemented by the processor, configured to interface between the

interface module and the data source; and

a connection manager module configured to facilitate an interface between the interface module and the port module, wherein:

the port module further configured to detect unavailability of the data source in response to an initial request for the data source by the remote application, to dynamically detect availability of the data source in response to a subsequent request for the data source, and to re-connect the data source to the remote application in response to the subsequent request,

wherein the port module sends an error message to the interface module indicating the unavailability of the data source,

wherein the port module receives the subsequent request after the data source was detected to be unavailable in response to the initial request for the data source, determines that the data source was previously unavailable, reestablishes a connection with the data source independent of a re-initialization process by the connection manager, and reconnects the remote application to the data source by directly communicating with the remote application., and

wherein the port module bypasses the connection manager in the subsequent request.

16-18. (canceled).

19. (previously presented):   The system of claim 15, wherein re-connecting further comprises re-establishing a connection between the port module and the data source without re-initializing the connection manager.

20. (previously presented): The method of claim 1, further comprising connecting directly the interface module and the at least one port module for communicating independently from the connection manager in subsequent communications.

21. (previously presented): The computer readable medium of claim 8, further comprising connecting directly the interface module and the at least one port module for communicating independently from the connection manager in subsequent communications.

22. (previously presented): The system of claim 15, wherein the interface module and the port module are configured to be directly connected for communicating independently from the connection manager in subsequent communications.

23. (canceled).

24. (previously presented): The method of claim 1, wherein the port module reconnects the remote application to the data source without initialization by the connection manager.

25. (new): The method of claim 1, wherein after receiving the subsequent request from the interface module, the at least one port module accesses a log file to determine the previous status of the data source.

26. (new): The computer readable medium of claim 8, wherein after receiving the subsequent request from the interface module, the at least one port module accesses a log file to determine the previous status of the data source.

27. (new): The system of claim 15, wherein after receiving the subsequent request from the interface module, the port module accesses a log file to determine the previous status of the data source.